

**RULES 63 AND 67 (37 C.F.R. 1.63 and 1.67)
DECLARATION AND POWER OF ATTORNEY**

FOR UTILITY/DESIGN/CIP/PCT NATIONAL APPLICATIONS

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; and

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: IMPROVED LIGHTING AND SHADOWING METHODS AND ARRANGEMENTS FOR USE IN COMPUTER GRAPHIC SIMULATIONS, the specification of which: (mark only one)

- X (a) is attached hereto.
 (b) was filed on _____ as Application Serial No. _____ and was amended on _____ (if applicable)
 (c) was filed as PCT International Application No. PCT/_____ on _____ and was amended on _____ (if applicable).
 (d) was filed on _____ as Application Serial No. _____ and was issued a Notice of Allowance on _____.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims as amended by any amendment referred to above or as allowed as indicated above.

I acknowledge the duty to disclose all information known to me to be material to the patentability of this application as defined in 37 CFR § 1.56. If this is a continuation-in-part (CIP) application, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose to the Office all information known to me to be material to patentability of the application as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this CIP application.

I hereby claim foreign priority benefits under 35 U.S.C. § 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate filed by me or my assignee disclosing the

subject matter claimed in this application and having a filing date (1) before that of the application on which my priority is claimed or, (2) if no priority is claimed, before the filing date of this application:

PRIOR FOREIGN PATENTS

<u>Number</u>	<u>Country</u>	<u>Month/Day/Year Filed</u>	<u>Date first laid-</u>	<u>Date</u>	<u>Priority Claimed</u>	
			<u>open or</u>	<u>patented or</u>	<u>Yes</u>	<u>No</u>
_____	_____	_____	<u>Published</u>	<u>Granted</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

I hereby claim the benefit under 35 U.S.C. § 120/365 of any United States application(s) listed below and PCT international applications listed above or below:

PRIOR U.S. OR PCT APPLICATIONS

<u>Application No. (series code/serial no.)</u>	<u>Month/Day/Year Filed</u>	<u>Status(pending, abandoned, patented)</u>
_____	_____	_____
_____	_____	_____

I hereby appoint:

H. MATHEWS GARLAND, Reg. No. 19,129	P. WESTON MUSSELMAN, JR., Reg. No. 31,644	STEVEN R. GREENFIELD, Reg. No. 38,166
THOMAS L. CANTRELL, Reg. No. 20,849	ROGER L. MAXWELL, Reg. No. 31,855	CRAIG A. HOERSTEN, Reg. No. 38,917
THOMAS L. CRISMAN, Reg. No. 24,846	JEFFERY E. BACON, Reg. No. 35,055	STUART D. DWORK, Reg. No. 31,103
STANLEY R. MOORE, Reg. No. 26,958	ANDRE M. SZUWALSKI, Reg. No. 35,701	THOMAS A. JOLLY, Reg. No. 39,241
GERALD T. WELCH, Reg. No. 30,332	J. KEVIN GRAY, Reg. No. 37,141	J. PAT HEPTIG, Reg. No. 40,643

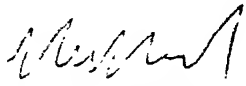
all of the firm of **JENKENS & GILCHRIST, P.C.**, 3200 Fountain Place, 1445 Ross Avenue, Dallas, Texas 75202-2799, as my attorneys and/or agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, and to file and prosecute any international patent application filed thereon before any international authorities under the Patent Cooperation Treaty, and I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization who/which first sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct them in writing to the contrary.

Please address all correspondence and direct all telephone calls to:

Thomas A. Jolly
Jenkins & Gilchrist, P.C.
3200 Fountain Place
1445 Ross Avenue
Dallas, Texas 75202-2799
214/855-4187
214/855-4300 (fax)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAMED INVENTOR(S)

1	Mark R. Randel		3/8/99
	Full Name		Inventor's Signature
	1925 Torrey Pine Drive Flower Mound, TX 75028		U.S.A.
	Residence (city, state, country)		Citizenship
2	1925 Torrey Pine Drive Flower Mound, TX 75028		
	Post Office Address (include zip code)		
	Full Name	Inventor's Signature	Date
	Residence (city, state, country)		Citizenship
3	Post Office Address (include zip code)		
	Full Name	Inventor's Signature	Date
	Residence (city, state, country)		Citizenship
	Post Office Address (include zip code)		